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SPECIAL NOTICE INSIDE

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A CUMULATIVE INDEX  
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**AERONAUTICAL  
ENGINEERING**

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JANUARY 1973

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## **SPECIAL NOTICE**

The abstract sections of the monthly supplements of *Aeronautical Engineering* can be bound separately. Individual abstracts can be located readily by means of the page numbers given at each entry, e.g., p0319 N72-20013. To assist the user in binding Supplements SP-7037 (15) through SP-7037 (26), a title page is included in the back of this Cumulative Index.

**NASA SP-7037 (27)**

**A CUMULATIVE INDEX  
TO  
AERONAUTICAL ENGINEERING  
A Special Bibliography**

**This Cumulative Index supersedes the indexes  
contained in supplements SP-7037 (15) through  
SP-7037 (26).**



*Scientific and Technical Information Office*  
**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**  
*Washington, D.C.*

**JANUARY 1973**



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# INTRODUCTION

## WHAT THIS CUMULATIVE INDEX IS

This publication is a cumulative index to the abstracts contained in NASA SP-7037 (15) through NASA SP-7037 (26) of *Aeronautical Engineering: A Special Bibliography*. NASA SP-7037 and its supplements have been compiled through the cooperative efforts of the American Institute of Aeronautics and Astronautics (AIAA) and the National Aeronautics and Space Administration (NASA).

Entries prepared by the two contributing organizations are identified as follows:

1. NASA entries by their STAR accession numbers (N72-10000 series).
2. AIAA entries by their IAA accession numbers (A72-10000 series).

## HOW THIS CUMULATIVE INDEX IS ORGANIZED

This Cumulative Index includes a subject index, a personal author index, a corporate source index, a contract number index, and a report/accession number index.

## HOW TO USE THE SUBJECT INDEX

Two types of cross-references appear in the subject index:

1. Use (U) references indicate that the subject term is not "postable," i.e., not a valid term, and the following term or terms are used instead. For example:

AIRCRAFT PROTUBERANCES

U PROTUBERANCES

FLIGHT PERFORMANCE

U FLIGHT CHARACTERISTICS

2. Narrower Term (NT) references refer the user to more specific headings in the same subject area, under which additional material on the subject may be found.

For example:

FLOW RESISTANCE

NT AERODYNAMIC DRAG

NT FRICTION DRAG

NT SUPERSONIC DRAG

In addition, a searcher may use the notations of content in the index to narrow further his quest for particular items. This is because subject terms can readily include more than one class of document. For example:

AIRLINE OPERATIONS

All-weather operations, including  
pilot role, instrument landing  
systems and guidance aids.

Airport congestion as constraint on  
air travel, considering runway  
capacity and adjusted demand.

illustrates a case where two references on different topics are listed under the same subject term.

## HOW TO USE THE PERSONAL AUTHOR INDEX

All personal authors used in the abstract-section citations in the individual Supplements appear in the index. Differences in transliteration schemes may require multiple searching of the index for variants of an author's name. For example:

EMELIANOV, M.D.

and

YEMELYANOV, M.D.



## HOW TO USE THE CORPORATE SOURCE INDEX

The corporate source index entries are abridged versions of the corporate sources used in the abstract-section citations in the individual Supplements. The corporate source supplementary (organizational component) does not appear in the index. For example:

BOEING CO., SEATTLE, WASH. MILITARY AIRCRAFT SYSTEMS  
DIV. (Corporate source at citation)

BOEING CO., SEATTLE, WASH.

(Corporate source index entry)

## HOW TO USE THE CONTRACT NUMBER INDEX

All contract numbers that are identified in the abstract-section citations in the individual Supplements appear in this index. Changes by agencies in the style in which contract numbers are presented may require multiple searching for variants. For example:

AF 33(615)-71-C-1758

F33615-71-C-1758

## HOW TO USE THE REPORT/ACCESSION NUMBER INDEX

All report numbers that have been assigned by the corporate source, monitoring agency or cataloging activity appear in this index. Variations in initial cataloging may result in different report number series. For example:

TP-924

ONERA-TP-924

## IDENTIFICATION OF DESIRED SUPPLEMENT

The abstract and descriptive cataloging for any accession number selected from the indexes may be found in the appropriate Supplement. The page-number range of each Supplement appears on the inside front cover of this index. Once the range of page numbers containing the selected accession number is located in the second column, the desired Supplement number will be found in the first column. For example:

Page 195 will be found in Supplement 18.

## AVAILABILITY OF DOCUMENTS

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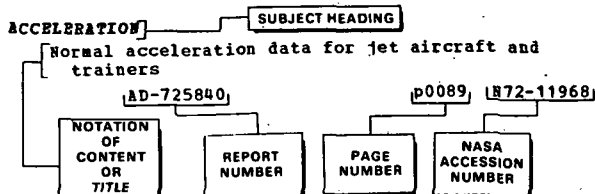
# SUBJECT INDEX

AERONAUTICAL ENGINEERING / A Special Bibliography

JANUARY 1973

1972 Cumulative Index

## Typical Subject Index Listing



The subject heading is a key to the subject content of the document. The Notation of Content (NOC), rather than the title of the document, is usually used to provide a more exact description of the subject matter. (AIAA occasionally uses the title in lieu of the NOC.) The report number helps to indicate the type of document cited (e.g., NASA report, translation, NASA contractor report). The page and accession numbers are located beneath and to the right of the Notation of Content, e.g., p0089 N72-11968. Under any one subject heading, the accession numbers are arranged in sequence with the IAA accession numbers appearing first.

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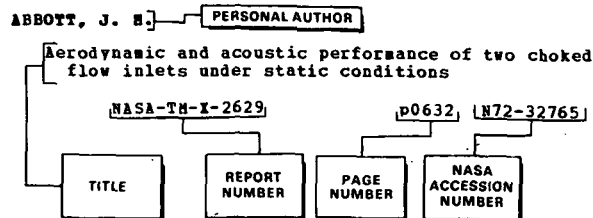
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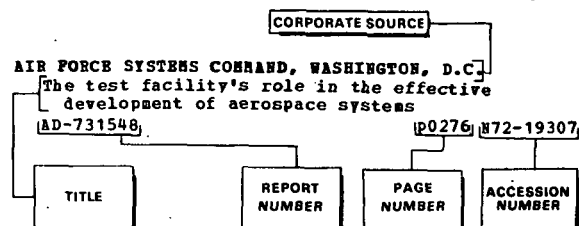
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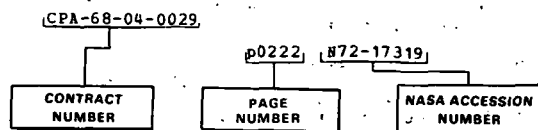
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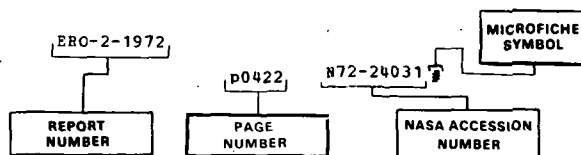
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It is suggested that this revised index be maintained as an insert or supplement, and that it be substituted for the original Corporate Source Index in any binding for permanent retention. The other indexes contained in Supplement 27 of *Aeronautical Engineering* were not affected by the error and can continue to be used without change.



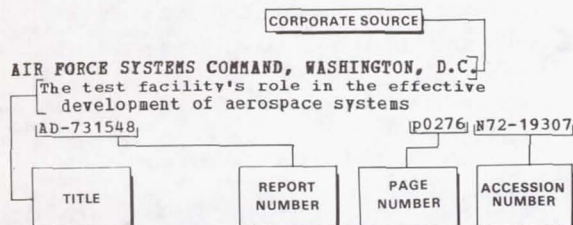
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